U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons	s are required to resp	iono to a conection o	l mormation unless it dispi	ays a valid Olvib control number.				
> UTILITY	Attorney	Docket No.	501.33506CX6					
PATENT APPLICATION	First Inve	ntor	ONO, HIROAKI					
TRANSMITTAL	Title		INFORMATION MANAGEMENT APPARATUS					
(Only for new nonprovisional applications under 37 CFR 1.53	(h))	Mail Label No.						
APPLICATION ELEMENTS SEE MPEP chapter 600 concerning utility patent appl			Mail Stop Patent Application ADDRESS TO: Commissioner for Patents P.O. Box 1450					
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee process	sing)	Com	ROM or CD-R in duplicate, puter Program (<i>Appendix</i>) and/or Amino Acid Sequer	⊃ <u></u> 9				
 Applicant claims small entity status. See 37 CFR 1.27. 		fif applicable, all necessary) a. Computer Readable Form (CRF)						
3. Specification [Total Pages:	43]	b. Specification Sequence Listing on: i. \(\subseteq \text{CD-ROM or CD-R (2 copies); or } \)						
(preferred arrangement set forth below) -Descriptive title of the invention			opies); or					
-Cross Reference to Related Applications-Statement Regarding Fed sponsored R & D			ii. □ paper					
 -Reference to sequence listing, a table, or a computer program listing appendix 			ements verifying identity of					
-Background of the Invention -Brief Summary of the Invention		AC	COMPANYING APPL	ICATION PARTS				
-Brief Description of the Drawings (if filed) -Detailed Description		1 —	gnment Papers (cover she	et & documents(s))				
-Claim(s) -Abstract of the Disclosure			FR 3.73(b) Statement en there is an assignee)	Power of Attorney				
4. Drawing(s) (35 U.S.C. 113) [Total Sheets:	20]	1 57 1	ish Translation Document					
5. Oath or Declaration [Total Sheets:	mation Disclosure ement (IDS)/PTO-1449	Copies of IDS Citations						
a Newly executed (original or copy)								
b Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)	ed)	1	14. Keturn Receipt Postcard (MPEP 503) (Should be specifically itemized)					
i. DELETION OF INVENTOR(S)	•		15. Certified Copy of Priority Document(s) (if foreign priority is claimed)					
Signed statement attached deleting inventory Named in the prior application, see 37 CF		16. Non	16. Nonpublication Request under 35 U.S.C. 122					
1.63(d)(2) and 1.33(b) (b)(2)(B)(i). Applicant must attach form P10/5B/35 or its equivalent.								
6. Application Data Sheet. See 37 CFR 1.76		17. Othe		tht of Priority & Credit				
18. If a CONTINUING APPLICATION, check appropor in an Application Data Sheet under 37 CFR 1,76:	riate box, and sup	ply the requisite in	nformation below and in	a preliminary amendment,				
Continuation Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: 10/022,736								
Prior application information: Examiner: Art Unit:								
For CONTINUATION OR DIVISIONAL APPS only: The ent Box 5b, is considered a part of the disclosure of the acco								
The incorporation can only be relied upon when a portion								
	19. CORRESPOND	ENCE ADDRESS						
Customer Number 020457			or 🗆 c	Correspondence address below				
Name ANTONELLI, TERRY, STO	UT & KRAUS, LL	Р						
Address	- I 2.			T				
Country	State	(700) 040 0000	Zip Code	(700) 040 0000				
Nome (Print/Fine) Cort Print/Fine	Telephone	(703) 312-6600 Registration No. (A	Fax	(703) 312-6666				
Name (Print/Type) Carl I. Brundidge Signature		Negranadori IVO. (A	Date	29,621 February 26, 2004				
			24.0					

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

hrough 07/31/2006. OMB 0651-0032 J.S. DEPARTMENT OF COMMERCE displays a valid OMB control number.

022604	13281	Judes the Descends Reduction Act of 1005 an expense on the	, , , , , , , , , , , , , , , , , , ,		Approved for use the day of the d
604	2	FEE TRANSMITTAL			Complete if K
		for EV 2004		lication Number g Date	Not yet assigned February 26, 200
			3 1111	y Date	II COLUGI Y ZV. ZV.

FEE TRANSMITTAL Application Number							Complete	Complete if Known						
E IKANSIVIIIIAL						Α	pplicat	ion Nu	nber	Not yet assig	Not yet assigned			
for FY 2004					Fi	Filing Date			February 26,	February 26, 2004				
101 F 1 2004					F	irst Na	med In	vento	ONO, HIROA	ONO, HIROAKI				
Effective 10/01/2003. Patent fees are subject to annual revision.						First Named Inventor ONO, HIROAKI Examiner Name								
Enective Toro (72003. Patent fees are subject to annual revision.														
Applicant claims small entity status. See 37 CFR 1.27					^	Art Unit								
TOTAL AMOUNT OF PAYMENT (\$) 770				Α	Attorney Docket No. 501.33506CX6									
М	1ETH	OD OI	PA	YMENT (check all	that apply)				FI	EE CALCULATIO	N (continued))		
☐ Check	×	Cred	t Car		Other None	3 Д	DDITIO	ONAL F	FFS	 				
				Order		Γ. Λ	JJ	J.1171_ 1						
Deposit A		nt:												
Depos Accou		0	1-213	5		Large	Large Entity , Small Entity							
Numbe	er 🚐					<u> </u>							Fee Paid	
Depos		Antone	li To	rny Stout & Kraus 11	ام	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Descrip	tion			
Name	Account Name Antonelli, Terry, Stout & Kraus, LLP				1051	130	2051	65	Surcharge - late filin					
The Director is authorized to: (check all that apply) ☑ Charge fee(s) indicated below ☑ Credit any overpayments					1052	50	2052	25	Surcharge – late pro cover sheet	rcharge – late provisional filing fee or ver sheet				
⊠ Charge a	anv ad	ditional	fee/s	s) during the pendence	cy of this application	1053	130	1053	130	Non-English specific	n-English specification			
						1812	2,520	1812	2,520	For filing a request for	r filing a request for ex parte reexamination			
☐ Charge fee(s) indicated below, except for the filing fee to the above-Identified deposit account.				1804	920*	1804	920*	Requesting publicati Examination action	questing publication of SIR prior to amination action					
	50.1			CALCULATION		1805	1,840	1805	1,840	*Requesting publicati Examiner action	on of SIR after			
1. BASIC Large		Small		tv		1251	110	2251	55	Extension for reply w	vithin first month			
Fee	Fee	Fee	Fee	Fee Description	Fee Paid	1252	420	2252	210	Extension for reply w	vithin second mor	nth		
Code 1001	(\$) 770	Code 2001		Utility filing fee	770	1253	950	2253	475	Extension for reply w	vithin third month			
1002	340	2002	170		7	1254	1,480	2254	740	Extension for reply w	vithin fourth mont	h		
1003	530	2003		Plant filing fee		1255	2,010	2255	1,005	Extension for reply w	vithin fifth month			
1004	770	2004	385			1401	330	2401	165	Notice of Appeal				
1005	160	2005		Provisional filing fee		1402	330	2402	165	Filing a brief in suppo	ort of an appeal			
						1403	290	2403	145	Request for oral hea	ring			
				SUBTOTAL (1)	770	1451	1,510	1451		Petition to institute a	•	eding		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE						1452	110	2452	55	Petition to revive – u				
		E.,	tra Cl	Fee from aims below	Fee Paid	1453	1,330	2453	665	Petition to revive – u				
Total Claims		-20**			ree raiu	1501	1,330	2501	665	Utility issue fee (or re	eissue)			
Indep.	1	-3**			-	1502 1503	480 640	2502 2503	240	Design issue fee				
Claims	•	-5	_	X 00	-	1406	130	1460	320 130	Plant issue fee	missions-			
Multiple Dep	endent			=		1807	50	1807	50	Processing fee unde				
Large Entity						1806	180	1806	180	-	,			
Fee Fee Code (\$)	ode (\$) Code (\$)		8021	40	8021	40	Recording each pate	omission of Information Disclosure Strnt cording each patent assignment per						
1202 18 1201 86	2202			Claims in excess of 2 Independent claims in		1809	770	2809	385		perty (times number of properties) ng a submission after final rejection			
1203 290	2203	3 145	Multiple dependent claim, if not paid		1810	770	2810	385	(37 CFR § 1.129(a))					
1204 86	2204		over original patent						examined (37 CFR §	mined (37 CFR § 1.129(b))				
1205 18	2205	5 9		** Reissue claims in e and over original		1801	770	2801	385	Request for Continue	,	RCE)		
				SUBTOTAL (2) \$		1802	900	1802	900	Request for expedite of a design application				
**or number previously paid, if greater; For Reissues, see above.						Other	fee (spe	cify)		_			L	
or number previously μαια, π greater, ror Reissues, see above.						*Redu	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)							
SUBMITTED	ВҮ									Complete (if appl	icable)			
Registrat								20.00		Talambana	700 040 0			
Name (Print/Type) Carl I. Brundidge (Attor						Аπоте	y/Agent		29,62	0	Telephone	703-312-6		
Signature				-							Date	חחבו שבו בח	4	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450